

SEARCH REQUEST FORM

Scientific and Technical Information Center

Requester's Full Name: David Lutkin Examiner #: 71263 Date: 08/20/03
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If more than one search is submitted, please prioritize searches in order of need.

* * * * * When one search is submitted, please prioritize searches in order of need.

Title: Peptides having antiangiogenic activity

Applicants: HAVIV, FORTUNA; HENKIN, JACK; BRADLEY, MICHAEL F.; KALVIN, DOUGLAS M.; SCHNEIDER, ANDREW J.

Earliest Priority Date: 11/22/99

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Applicants are claiming peptides which conform to the formula on the attached sheet.

R1 = acetyl, HOOC-CH₂-CH₂-CO-, C₆H₅-CO-
 [R1 cannot be hydrogen]

R2 = methyl, hydrogen, -(CH₂)_n-COOH, -(CH₂)_n-CONH₂, -CH₂-OH,

R3 = alkyl, hydrogen, -CH₂-C₆H₅, -(CH₂)_n-COOH, -(CH₂)_n-CONH₂, -CH₂-CH₂-SCH₃

R4 = alkyl, -CH₂-C₆H₅, aminobutyl, -(CH₂)_n-COOH,
 -(CH₂)_n-CONH₂, imidazolylmethyl, indolylmethyl, -CH₂-CH₂-SCH₃

R5 = anything, provided that the carbon bearing R5 is of the D-configuration

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R6 = alkyl, hydrogen, -CH₂-OH, -(CH₂)_n-CONH₂, imidazolylmethyl, indolylmethyl, -CH₂-CH₂-SCH₃, -CH₂-CH=CH₂, -CH₂-SH

R7 = alkyl, hydrogen, -CH₂-C₆H₅, -(CH₂)_n-CONH₂, -CH₂-OH, -(CH₂)₃-NHC(=NH)NH₂, indolylmethyl; -CH₂-CH₂-SCH₃, -CH₂-SH

R8 = alkyl, hydrogen, -CH₂-CH₂-SCH₃, -CH₂-CH=CH₂;

R9 = -(CH₂)₃-NHC(=NH)NH₂, -(CH₂)₃-NH-CONH₂, imidazolylmethyl, -(CH₂)₄-NH₂

R10 = alkyl, -CH₂OH or -CH₂-C₆H₅

R11 = anything, but can contain no more than one amino acid.

n = 1 or 2

